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PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMD 0651-0032
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Method for Improving the Activity of Enzymes

UTILITY PATENT APPLICATION TRANSMITTAL

EK440770440HC

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, Dc 20231 1.					
The continuation of the Drawings (if filed) Total Sheets Total Pages Total Pag					
Computer Program (Appendix)					
See 37 CFR 1.27. Specification [Total Pages 34]					
Specification					
- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.					
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Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113)					
Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets					
- Claim(s) - Abstract of the Disclosure 10.					
- Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets] 5. Oath or Declaration [Total Pages] 6. Newly executed (original or copy) 6. DELETION OF INVENTOR(S) 7. Signed statement attached deletting inventor(s) 7. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: 7. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application information: Examiner Continuation information: Examiner Continuation information: Examiner Continuation information: Continuation Divisional Continuation Continu					
5. Oath or Declaration					
5. Oath or Declaration [Total Pages] 12. Statement (IDS)/PTO-1449 Citations a. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 17 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Of prior application No.: / / / / /					
b. Copy from a prior application (\$7 CFR 1.63 (d)) (for continuation/divisional with Box 17 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Prior application information: Examiner Group / Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Customer Number or Bar Code Label Correspondence address below					
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Prior application information: Examiner Group / Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. 18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below (Insert Customer No.50r Attach:bar,code label here)					
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(Insert Customer No.s or Attach bar code label here)					
Kent A Herink Fea					
Name Nent A. Henrik, Esq.					
Davis, Brown, Koehn, Shors & Roberts, P.C.					
Address The Financial Center, Suite 2500, 666 Walnut Street					
City Des Moines State Iowa Zip Code 50309-3993					
Country U.S.A. Telephone 515-288-2500 Fax 515-243-0654					
Name (Print/Type) Kent A. Herink, Esq. Registration No. (Attorney/Agent) 31,025					
Signature Clark + . Herry Date Jan. 2, 2001					

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		Application Number					
TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Date	PTC				
		First Named Inventor	Eddy Van Beek				
		Group Art Unit	522				
		Examiner Name	ن د				
Total Number of Pages in This Submi	ssion35	Attorney Docket Number	4532670/KEM39				
	ENCLOS	SURES (check all that app	ily)				
Fee Transmittal Form		nent Papers Application)	After Allowance Communication to Group				
Fee Attached	Drawing	1	Appeal Communication to Board of Appeals and Interferences				
Amendment / Response	Licensin	ng-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)				
After Final		Routing Slip (PTO/SB/69) companying Petition	Proprietary Information				
Affidavits/declaration(s)		to Convert to a nal Application	Status Letter				
Extension of Time Request	Power of Change Address	of Attorney, Revocation of Correspondence	Additional Enclosure(s) (please identify below):				
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Certified Copy of Priority Document(s)	Remarks	Deposit Account Authoriz	zation: In the event no specific fee ve or if a check is detached or				
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Response to Missing	adjustment in the TOTAL		sit account No. 12-2250. Any DUE should be made to our				
Parts under 37 CFR 1.52 or 1.53		deposit account No. 12-2	2250.				
SIGNATU	RE OF APPL	ICANT, ATTORNEY, OR	AGENT				
Firm or Individual name Kent A. Herink, Esq., Davis, Brown, Koehn, Shors & Roberts, P.C. Signature							
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Complete if Known					
Application Number	to be assigned				
Filing Date	January 2, 2001				
First Named Inventor	Eddy Van Beek				
Examiner Name					
Group Art Unit					
Attorney Docket No.	4532670/KEM39				

	METHOD OF PAYMENT FEE CALCULATION (continued)							
	1. The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to:							
	Deposit Deposit	Large Entity Small Entity Fee Fee Fee Fee Foo Description Foo Bei						
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	Account Name Davis, Brown Law Firm	127 50 227 25 Surcharge - late provisional filing fee or cover sheet	4					
£ E	Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	139 130 139 130 Non-English specification	-					
	Applicant claims small entity status.	147 2,520 147 2,520 For filing a request for ex parte reexamination						
	See 37 CFR 1.27 2. Payment Enclosed:	112 920* 112 920* Requesting publication of SIR prior to Examiner action	4					
j	☐ Check ☐ Credit card ☐ Money Order ☐ Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	\dashv					
l	FEE CALCULATION	115 110 215 55 Extension for reply within first month	\dashv					
esti:	1. BASIC FILING FEE	116 390 216 195 Extension for reply within second month						
	Large Entity Small Entity	117 890 217 445 Extension for reply within third month	4					
	Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	118 1,390 218 695 Extension for reply within fourth month	-					
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	106 320 206 160 Design filing fee \$710	119 310 219 155 Notice of Appeal	4					
IJ	107 490 207 245 Plant filing fee	120 310 220 155 Filing a brief in support of an appeal	4					
	108 710 208 355 Reissue filing fee	121 270 221 135 Request for oral hearing	4					
unit:	114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding	4					
		140 110 240 55 Petition to revive - unavoidable	_					
SUBTOTAL (1) (\$) 710.00		141 1,240 241 620 Petition to revive - unintentional						
	2. EXTRA CLAIM FEES	142 1,240 242 620 Utility issue fee (or reissue)	_					
	Fee from Extra Claims below Fee Paid	143 440 243 220 Design issue fee	_					
	Total Claims -20** = 0 X 0 = 0	144 600 244 300 Plant issue fee	_					
	Independent Claims - 3** = 0 X 0 = 0	122 130 122 130 Petitions to the Commissioner	4					
	Multiple Dependent =	123 50 123 50 Petitions related to provisional applications	4					
		126 240 126 240 Submission of Information Disclosure Stmt	4					
	Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)						
ı	103 18 203 9 Claims in excess of 20	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))						
	102 80 202 40 Independent claims in excess of 3	149 710 249 355 For each additional invention to be	\exists					
	104 270 204 135 Multiple dependent claim, if not paid	examined (37 CFR § 1.129(b))						
	109 80 209 40 ** Reissue independent claims over original patent	179 710 279 355 Request for Continued Examination (RCE)	-					
	110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application						
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	**or number previously paid, if greater; For Reissues, see above Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) -0-							
7	SUBMITTED BY Complete (if applicable)							
H	W. Charles M. L. A. H. L. L.	Registration No. 10.00						

Telephone |515-288-2500 Name (Print/Type) Signature Date January 2, 2001

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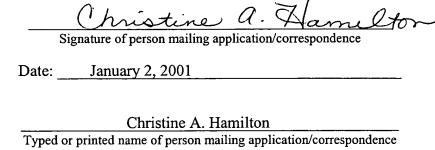


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